

Statement of Qualifications

Routine Engineering Services for Drainage Projects

Resolution No. 138811

Submitted to the Jefferson Parish Council
March 31, 2022



GreenPoint
ENGINEERING

701 Loyola Avenue, Suite 801
New Orleans, LA 70113
(504) 708-2020

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Drainage Projects
Resolution No. 138811

B. Firm Name & Address:

GreenPoint Engineering
701 Loyola Avenue, Suite 801
New Orleans, LA 70113

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Amer Tufail, PE, Principal

701 Loyola Avenue, Suite 801
New Orleans, LA 70113

504-708-2020 x 101 (office) / 504-266-9875 (mobile)
amer@greenpoint-e.com

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Amer Tufail, PE, Principal (LA Professional Engineer 29667)

701 Loyola Avenue, Suite 801
New Orleans, LA 70113

504-708-2020 x 101 (office) / 504-266-9875 (mobile)
amer@greenpoint-e.com

E. Please provide the number of employees whose primary function corresponds with each category:

<u>1</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>4</u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u>1</u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u>1</u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>8</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1.
Not applicable

2.
Not applicable

H. Has this JOINT-VENTURE previously worked together? Please check:
YES ☐ NO ☐

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. GreenPoint will propose subcontractors if necessary to match the specific needs of assigned projects.		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

5 _____

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Amer Tufail, PE, BCEE
Principal

Project Assignment:

Civil Engineer

Name of Firm with which associated:

GreenPoint Engineering

Years' experience with this Firm:

10

Education: Degree(s)/Year/Specialization:

BS /1993 /Biochemistry (Louisiana State University)
MS / 1996 / Civil and Environmental Engineering (Louisiana State University)
Graduate Certificate / 2016 /Coastal Engineering (University of New Orleans)

Active registration: Year first registered/discipline:

2001 / Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Our firm is led by Amer Tufail, PE, BCEE, a design professional with over 25-years' experience. He is a Board-Certified Environmental Engineer with specialty certification in Water Supply and Wastewater. He is also the State Representative of the American Academy of Environmental Engineers and Scientists and has served as the certification exam committee chairman for candidates in the gulf coast region seeking specialty certification. He also served on the Water Environment Federation's National Green Infrastructure Certification Program Oversight Committee, which seeks to establish standards for sustainable stormwater management. His career began as a process design engineer with a leading international water infrastructure consulting firm, drawing on national assignments and the expertise of leading subject matter experts, before becoming an Area Manager and Manager of Client Accounts. He has continued this focus for the past ten years as the founder and Principal of GreenPoint Engineering.

Other Experience and Qualifications relevant to the proposed project

Principal-in-Charge, Henderson Bayou Basin Levee, Flood Gate and Pumping Station

Ascension Parish Government

Mr. Tufail was the principal-in-charge for the new 1,000-cfs Henderson Bayou flood control facility for East Ascension Consolidated Gravity Drainage District. The facility protects the Henderson Bayou basin from both, backwater flooding from high Amite River levels and from rainfall events within the basin. In the development of the project, Mr. Tufail initially collaborated with the local officials to identify the needs of the community and to examine current district-wide flood control needs and policy. This collaboration included the effort to achieve a better understanding among the design team and local officials of risks and of levels of service targeted, and to identify opportunities for implementing a more robust drainage system.

Principal-in-Charge, Improvements to the Lake Cataouatche No. 1 Drainage Pumping Station

Jefferson Parish

Mr. Tufail is the principal-in-charge for the project to improve the Lake Cataouatche No. 1 Drainage Pumping Station. The station suffers from diminished capacity, limiting the flow of storm water that can be conveyed out of levee-protected area, and requiring excessive energy to operate. Further, the station is over 30-years old, and relies on older inefficient diesel engines to power its large pumps. GreenPoint evaluated the pumping system hydraulic conditions, and evaluated the historic water levels in Lake Cataouatche to determine the most cost effective approach to restoring the station's capacity. By modifying the station's 60-in and 72-in discharge piping, replacing the station's two 250-cfs pumps, and adding emissions-rated turbocharged diesel engines, the system will be able to both convey a greater volume of stormwater and consume far less energy. The reduced energy consumption qualifies the project for low-interest financing through a US Department of Energy/LA Department of Natural Resources program aimed at greenhouse gas reduction. Mr. Tufail led the pursuit of this funding source, and refinement of the project scope to qualify for the program.

Principal-in-Charge, Laurel Ridge Levee Improvements

Ascension Parish Government

Mr. Tufail was the principal-in-charge for the improvements to the Laurel Ridge Levee for East Ascension Consolidated Gravity Drainage District. The improved levee protects areas south of the Amite River from backwater flooding. In addition to leading the effort, Mr. Tufail worked with the local officials to examine current district-wide flood control needs and policy, better understand risks and levels of service, and identify opportunities for improving overall performance.

Principal-in-Charge, Oak Tree Road Improvements

Belle Chasse, Louisiana

Mr. Tufail was the officer-in-charge for engineering design of the extension and improvements to Oak Tree Road, a residential street in Belle Chasse. To establish the broader area's drainage needs, GreenPoint first performed a detailed hydraulic and hydrologic evaluation of the area, and modeling the connection of the new stormwater collection with the area's existing drainage infrastructure. The design of the improvements included the integration of a new wastewater collection system, a new water distribution system and a new stormwater collection system with existing infrastructure, and relocation of an existing 14-inch wastewater force main.

Principal-in-Charge, Baptiste Collette Bayou Improvements Section 203 Feasibility Study

Plaquemines Parish Government

In an effort to improve Baptiste Collette Bayou navigation channel near the mouth of the Mississippi River, Plaquemines Parish Government commissioned a Section 203 Feasibility Study feasibility study to investigate the project's potential, and to identify funding and implementation strategies. In his role as principal-in-charge, Mr. Tufail's initial contribution was in facilitating Plaquemines Parish Government in their evaluation of available policy

mechanisms for achieving an improved navigation channel. In the execution of the Section 203 study, Mr. Tufail's role was to oversee the approach and progress of the inter-disciplinary study team, and to foster collaboration between the study team, Plaquemines Parish Government, business and industry interests, U.S. Army Corps of Engineers and the Louisiana Department of Transportation and Development.

Principal-in-Charge, Crown Point Pump Station Replacement

Jefferson Parish, Louisiana

Mr. Tufail was the principal-in-charge for the design of a new 40-cfs pump station in Crown Point. The project included the design of a caisson and headwall, and involved inter-agency coordination for permitting.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Robert Heath, PE Engineering Manager
Project Assignment:
Civil Engineer
Name of Firm with which associated:
GreenPoint Engineering
Years' experience with this Firm:
9
Education: Degree(s)/Year/Specialization:
BS / 1996 / Environmental Engineering (Tulane University) Graduate Certificate / 2016 / Coastal Engineering (University of New Orleans)
Active registration: Year first registered/discipline:
2003 / Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Our Engineering Manager is Robert Heath, PE, a hydraulic modeling and design specialist with 25-years' experience. Robert Heath is experienced in the planning, design and management of a wide variety of complex civil and environmental engineering projects, ranging from large flood control and storm water pumping systems to drinking water distribution systems. He has delivered drainage, pipeline installation, levee construction, hydrology and coastal restoration, as well as water treatment and distribution and wastewater collection and treatment projects across a wide geography. Over his career, he has also earned a record of success in obtaining environmental permits from state and federal regulatory agencies.

Other Experience and Qualifications relevant to the proposed project

Project Manager, Murphy Canal Drainage Improvements Project

Jefferson Parish, Louisiana

Mr. Heath was project manager for the design and construction management of an approximately 15,000-foot slope-paving project to improve the hydraulic characteristics of the existing Murphy Canal in Jefferson Parish, Louisiana. This project was conducted under the United States Army Corps of Engineers SELA Program.

Project Manager, Laurel Ridge Levee Extension Project

Ascension Parish Government

Mr. Heath was the Project Manager for this project which included conducting subsurface explorations, preparing a geotechnical design report, and preparing contract documents for construction of a new flood protection structure and improvements to an existing levee. The levees were designed in accordance with United States Army Corps of Engineers (USACE) post-Katrina design standards. The proposed levee extension project consists of raising the existing 14,000 linear foot Laurel Ridge levee 4 feet in elevation, and construction of a new levee. The new levee, approximately 14 feet high, will extend approximately 13,000 feet from the existing Laurel Ridge levee to a natural ridge, providing 100-year flood protection for a large portion of East Ascension Parish during storm events.

Project Manager, Terrebonne Parish Emergency Levee Repairs Project

Terrebonne Parish Consolidated Government

Mr. Heath led the preparation of bid documents for repairs to the levee system damaged during Hurricane Ike. The project included review and compilation of damages to the levees as outlined in a previously completed engineering report provided by the owner. Based on the report it was determined that approximately seventy thousand cubic yards of material would be required to perform the repairs to approximately 42-miles of tidal surge protection levee. Using this information geotechnical/civil designs were outlined for the repair of the levees. Also identified was approximately 1,500-cubic yards of debris which would have to be removed during construction of the repairs. Preparation of plans and specifications for the construction of the repairs and the debris removal was performed. The plans and specifications included the appropriate measures satisfying requirements of State and Federal NPDES/LPDES regulations.

Project Manager, Butler Ditch Drainage Improvements Project

Jefferson Parish, Louisiana

Mr. Heath was project manager for the design of the Butler Ditch Drainage Improvements Project, consisting of the design of approximately 2,000-linear feet of concrete U-Channel to increase drainage capacity and erosion control for Butler Ditch in Jefferson Parish, Louisiana. The U-channel was designed to meet the required capacity of the Jefferson Parish Master Drainage Plan previously developed for the Parish. The U-channel was constructed of reinforced cast in place concrete and will be approximately 17-foot-wide and 6-foot-deep.

Project Manager, Crown Point Pump Station Replacement

Jefferson Parish, Louisiana

Mr. Heath was project manager for the replacement of a critical storm water pump station in Crown Point, Louisiana. The project consisted of the design of a new 40-cfs pump station, caisson, headwall and other appurtenances including environmental permitting.

Lead Civil Design Engineer, Henderson Bayou Pump Station

Ascension Parish Government

Mr. Heath was the lead civil design engineer for the Henderson Bayou Pump Station Project, consisting of the design and construction management of a new 1,000-cfs storm water pump station and levee to protect the basin

from high backwater events. Mr. Heath was also the lead engineer performing all environmental permitting associated with the project which was built in a high quality cypress swamp wetland area. Mr. Heath's involvement began with the initial hydraulic model of the basin, followed by the planning and design of the pumping system, equipment sizing and selection, and design team coordination.

Project Manager, Henderson Bayou Drainage Study

Ascension Parish Government

Mr. Heath was project manager for the Henderson Bayou drainage study performed for Ascension Parish Government. The project consisted of the construction of a hydrologic and hydraulic model of the drainage basin to determine future improvements that could be made to protect the citizens in the basin from flooding.

Lead Engineer, Waggaman Canal Relocation

Jefferson Parish, Louisiana

Mr. Heath served as the lead design engineer for the Waggaman Canal Relocation in Jefferson Parish, Louisiana. The project consisted of hydrologic modeling of the drainage basin contributing to the canal system, hydraulic modeling of the canal system and the layout and design of the new 4,000-cfs canal. Mr. Heath also led the preparation of plans and specifications for the project.

Project Engineer, Johnson Street Drainage Improvements

Jefferson Parish, Louisiana

Mr. Heath was a design engineer for the installation of 5,000-feet of new 54-inch concrete drainage pipe along a railroad right of way and approximately 2,000-feet of two new 72-inch box culverts to improve drainage around the Johnson Street area in Metairie, Louisiana. Included in this design was the hydrologic modeling of the contributing drainage basin to properly size the culverts and to perform hydraulic grade calculations for the system.

Project Manager, Oak Tree Road Improvements

Belle Chasse, Louisiana

Mr. Heath led the engineering design for the extension and improvements to Oak Tree Road, a residential street in Belle Chasse. To establish the broader area's drainage needs, a detailed hydraulic and hydrologic evaluation of the area was developed modeling the connection of the new stormwater collection with the area's existing drainage infrastructure. The design of the improvements included the integration of a new wastewater collection system, a new water distribution system and a new stormwater collection system with existing infrastructure, and relocation of an existing 14-inch wastewater force main.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Mohammad Tufail, PE Quality Manager
Project Assignment:
Civil Engineer
Name of Firm with which associated:
GreenPoint Engineering
Years' experience with this Firm:
9
Education: Degree(s)/Year/Specialization:
BS / 1966 / Civil Engineering (Engineering University, Lahore, Pakistan) MS / 1974 / Civil Engineering (University of Connecticut)
Active registration: Year first registered/discipline:
1975 / Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Mohammad Tufail, GreenPoint's Quality Manager, is a program and construction manager experienced in complex and high-profile design and construction programs. In this capacity, he reviews all project schedules, scopes and deliverables for both contract compliance and constructability. He has led large A/E teams and construction contractors in the delivery of water resources, defense and civil infrastructure programs, all including environmental compliance aspects. For the US Army Corps of Engineers' New Orleans District, he led the preparation of Design Memoranda for several civil works, flood control and hurricane protection projects in the New Orleans vicinity. For the US Department of the Army, he served as the Program Manager and Senior Adviser for numerous military facilities in the Middle East. He also served as the overall manager of a \$730 million Foreign Military Sales Construction Program, one of the largest and most complex in the US Army.

Other Experience and Qualifications relevant to the proposed project

Hydraulic Design Engineer

Anderson Nichols Engineers, Boston MA

As a hydraulic design engineer, Mr. Tufail prepared storm drainage designs and environmental compliance documents related to Interstate Highway construction as well as infrastructure within the City of Hartford, Connecticut.

Senior Design/Planning Engineer

Ohio-Kentucky-Indiana Regional Council of Governments. Cincinnati, OH

As a Senior Engineer, Mr. Tufail played a key role in the development of the Area-Wide 208 (PL 92-500) Wastewater Management Plan for the Ohio, Kentucky and Indiana's Tri-State Area. The Management Plan included the assessment of Point and Non-point Sources of Pollution, and the assessment of existing and projected environmental conditions.

Civil Engineer

US Army Corps of Engineers New Orleans District, New Orleans, LA

In this capacity, Mr. Tufail had overall responsibility for preparing Design Memoranda for civil, flood control and hurricane protection projects in the vicinity of New Orleans area. He initiated work directives, and worked with other district segments and A/E firms to complete designs, studies, and reports, working closely with Federal, State and local governments to coordinate their input in project designs.

Project Manager

U.S. Army Corps of Engineers, Middle East Division (Winchester, VA and Riyadh, Saudi Arabia)

Mr. Tufail served as Engineering and Construction Project Manager for several large military construction projects, including the \$300-million Saudi Arabian Ministry of Defense Headquarters Complex in Riyadh, Saudi Arabia. Mr. Tufail was the focal point for all project management matters for design, construction, as well as all coordination with the architects and engineers. He also served as the primary liaison between US Army Corps of Engineer's Middle East Division (engineering) and Riyadh District (construction).

Senior Advisor

US Army, Office of the Program Manager

Mr. Tufail was responsible for the overall supervision of the design and construction of military facilities to support fielding of about 1200 Light Armor Vehicles (LAV) for SANG. These facilities included maintenance, housing, training, recreational and other life support facilities. He also served as the U.S. Government's Engineering Advisor to the Saudi Arabian National Guard Director General, working within framework of a Joint US and SANG Engineering Team.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kyleigh Ardoin, PE Environmental Engineer
Project Assignment:
Design Engineer
Name of Firm with which associated:
GreenPoint Engineering
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS / 2018 / Environmental Engineering (Louisiana State University)
Active registration: Year first registered/discipline:
2022 / Environmental Engineering
Other experience and qualifications relevant to the proposed Project:
Kyleigh Ardoin is an environmental engineer responsible for the design of public works infrastructure projects. In addition to the design of wastewater collection, pumping, conveyance and treatment systems for clients across Louisiana, she has led the planning of long-term regional wastewater system improvements. Most recently, she led the GreenPoint's Conceptual Design for the West St. Tammany Parish planning region, the fastest growing corridor within St. Tammany Parish. The design established the sequence, method and budget for consolidating conveyance and treatment of the various water and wastewater service areas.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Meredith Breaud, PE Civil Engineer
Project Assignment:
Design Engineer/Hydraulic Modeler
Name of Firm with which associated:
GreenPoint Engineering
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
BS / 2018 / Civil Engineering (Louisiana State University)
Active registration: Year first registered/discipline:
2022 / Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Meredith Breaud is a civil engineer leading several design projects for GreenPoint. She has prepared hydraulic and structural designs in support of wastewater treatment and sewer lift station projects. In fact, she is currently finalizing the structural design for the new Goodbee Wastewater Treatment Plant for St. Tammany Parish. In addition to her design work, she prepares hydrologic and hydraulic models in PCSWMM, HEC-RAS and HEC-HMS, Pipeflo and other platforms.

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Mid-Barataria Sediment Diversion Coastal Protection and Restoration Authority of Louisiana Bradley Barth bradley.barth@la.us (225) 342-5443	GreenPoint Engineering is leading the Interior Drainage engineering tasks for the Coastal Protection and Restoration Authority of Louisiana's \$1.4-billion Mid Barataria Sediment Diversion Project. The Mid-Barataria Sediment Diversion will harness the power of the Mississippi River for long-term, sustainable sediment, water, and nutrient delivery to the surrounding wetlands, transporting the sediment from the river to the Barataria Basin. GreenPoint's scope of work covers all aspects of developing the project's drainage solutions, including validation and calibration of existing models, development of designs for new siphons and new pumping stations and design of modifications required at the existing USACE-designed and constructed drainage pumping station.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (estimated)	\$1.4 billion (estimated)	\$376,908 to date (engineering fee)

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Central City JIRR Projects Group B, C, D and E City of New Orleans Khalid Saleh, PhD ksaleh@nola.gov (504) 658-8000	As part of GreenPoint's project for the City of New Orleans to design street improvements for 445 city blocks in the Central City neighborhoods, GreenPoint is designing street drainage improvements. The work includes drainage repairs as well as drainage modeling and sizing for those streets requiring full reconstruction.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 (estimated)	\$53.3M (estimated)	\$2,388,748 (engineering fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>JIRR Project RR068: Iberville/Tulane/Gravier, CBD, Lower Garden District Group A</p> <p>City of New Orleans</p> <p>Khalid Saleh, PhD ksaleh@nola.gov (504) 658-8000</p>	<p>GreenPoint provided engineering services for street within the Iberville/Tulane/Gravier corridor, the Central Business District and the Lower Garden District as part of the City of New Orleans Joint Infrastructure Recovery Request (JIRR) Program, the FEMA-funded program that addresses road, drainage and subsurface utility damages resulting from Hurricane Katrina. The project captures comprehensive road repairs, including water, sewer and utility replacements for within these three neighborhoods. The projects address road repairs across 89 city blocks at an estimated cost of \$11 million. The associated utility repairs account for an additional \$7 million in repairs.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 (estimated)	\$18,500,000 (estimated)	\$524,638 (engineering fee)

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>City-Wide Drainage Improvements</p> <p>City of New Orleans</p> <p>Khalid Saleh, PhD ksaleh@nola.gov (504) 658-8000</p>	<p>GreenPoint provided the New Orleans Department of Public Works (DPW) engineering services to implement CDBG-funded drainage system repairs city-wide. In addition to the installation of new subsurface drainage, point repairs and catch basin adjustments, GreenPoint is incorporating innovative design elements, including permeable pavement and green infrastructure where appropriate to divert, detain and reduce the volume of runoff immediately entering the drainage network.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 (estimated)	\$3,600,000 (estimated)	\$566,847 (engineering fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Virginia, Conti & Rosedale Roadway and Drainage Enhancements City of New Orleans Khalid Saleh, PhD ksaleh@nola.gov (504) 658-8000	GreenPoint is providing the City of New Orleans engineering design services in support of the full reconstruction of Virginia, Conti and Rosedale streets in the Navarre neighborhood. These streets largely lack subsurface drainage, relying on ditches and sheet flow to drain. GreenPoint's design incorporates rain gardens to improve drainage and enhance the neighborhood's aesthetic. To preserve the character of the neighborhood, and to limit the impact on the residents' front yards and parking, GreenPoint's design of a new subsurface drainage system incorporates permeable parking strips in lieu of the traditional curb and gutter design. This approach allows maintenance of the existing road width as well as preservation of the trees lining the street.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 (estimated)	\$5,000,00 (estimated)	\$503,746 (engineering fee)

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Anthony Green Streets City of New Orleans Mary Kincaid, PE mkincaid@nola.gov (504) 658-8048	GreenPoint is responsible for the design of street renovations and drainage improvements as part of the National Resilience Design Competition project team in the Gentilly Resilience District. GreenPoint's scope of work includes the sizing, specifications and design of new drainage infrastructure, and incorporates the flows entering the drainage system from new rain gardens and detention features. GreenPoint's overall scope includes the full reconstruction of streets in the neighborhood.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 (estimated)	\$20,000,000 (estimated)	\$131,000 (engineering fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lakeview/City Park Drainage Improvements City of New Orleans Mary Kincaid, PE mkincaid@nola.gov (504) 658-8048	GreenPoint Engineering provided subconsultant stormwater modeling services for the Lakeview/City Park Drainage Improvements project for the City of New Orleans. The objective of GreenPoint's modeling effort was to evaluate the drainage improvements possible in the Lake Vista neighborhood by leveraging the potential storage volume within City Park's lagoons. GreenPoint's model established the connectivity of the storage sub-basin network within City Park through available LiDAR, survey data, aerial photography and site data collection, and established the storage curves of the individual sub-basins.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 (estimated)	\$18,000,000 (estimated)	\$131,000 (engineering fee)

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Engineering Documentation Report: Backwater Flooding East of Morgan City USACE - New Orleans District Shawn Vicknair, Deputy Chief of Regional Planning & Enforcement Div. Shawn.M.Vicknair@usace.army.mil (504) 862-2024	GreenPoint is compiling and assimilating previous plan formulation efforts and environmental compliance information associated with the Atchafalaya Basin east of Morgan City into an Engineering Documentation Report. GreenPoint will identify and address three existing action alternatives, including structural and non-structural alternatives, into an Engineering Documentation Report. The EDR will also identify gaps associated with plan formulation and environmental baseline conditions and impact analyses.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2020 (actual)	\$389,000	\$389,000 (engineering fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lake Cataouatche No. 1 Drainage Pumping Station Improvements Jefferson Parish Department of Drainage Mitchell Theriot, PE, Director mtheriot@jeffparish.net (504) 736-6751	GreenPoint provided engineering design and funding program compliance services for performance and efficiency improvements of the Lake Cataouatche No.1 drainage pump station. The project consisted of the replacement of two 250-cfs pumps, the installation of two new 900-hp diesel drives, modification of the existing 60-inch and 72-inch discharge piping, and associated facility improvements. The project was partially financed by a US Dept. of Energy/LA Dept of Natural Resources program targeting energy efficiency. The project was halted when construction was 85% complete when extensive structural damage was discovered, and reinitiated separately.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2018 (actual)	\$3,370,178	\$408,678

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Watershed Management Study Coastal Protection and Restoration Authority of Louisiana Tye Fitzgerald, PE (225) 342-4496	As CPRA sought to evaluate the feasibility of implementing sustainable water quality improvement measures to restore the condition of streams in St. Tammany Parish, GreenPoint was responsible for development of the necessary GIS data tools, the overall financial planning for both drainage, drinking water and wastewater needs, and the analysis and planning of water and wastewater infrastructure needs. The analysis required a combination of data describing existing waterways, existing infrastructure, current land use and property lines, in addition to utility customer data, population and projected population growth.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2015 (actual)	\$1,000,000	\$376,299 (engineering fee)

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.


Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. Not applicable		
2.		
3.		
4.		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

GreenPoint Engineering focuses on the delivery of water infrastructure projects. Our approach is to offer experienced staff with the highest level of technical skill and a record of client service, and giving them the freedom and tools to collaborate with our clients. This approach is the direct result of our key individuals' record of successfully delivering large and complex inter-disciplinary water infrastructure projects, experience that pre-dates the founding of our firm.

Perhaps as important, through our staff's combined experience serving Jefferson Parish we are proficient in the practices and preferences unique to Jefferson Parish, and are prepared to deliver on the Parish's expectations of quality and accountability.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature:  Print Name: Amer Tufail
Title: Principal Date: March 31, 2022